

FORM PTO-1449

U. S. DEPARTMENT OF COMMERCE  
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SERIAL NO.

U 015123-3

10/814,856

APPLICANT

MURALI SASTRY et al.

FILING DATE

GROUP

03/31/2004

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
AA				

## OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

MD	AB	Yu, Shu-Hong, et al. "Growth and Self-Assembly of BaCrO <sub>4</sub> and BaSO <sub>4</sub> Nanofibers toward Hierarchical and Repetitive Superstructures by Polymer-Controlled Mineralization Reactions", <i>NANO Letters</i> (2003), 3(3): 379-382
	AC	Donners, Jack J.J.M. et al. "A Shape-Persistent Polymeric Crystallization Template for CaCO <sub>3</sub> ", <i>J. Am. Chem. Soc.</i> (2002), 124: 9700-9701
	AD	Aizenberg, Joanna et al. "Oriented Growth of Calcite Controlled by Self-Assembled Monolayers of Functionalized Alkanethiols Supported on Gold and Silver", <i>J. Am. Chem. Soc.</i> (1999), 121: 4500-4509
	AE	Sastry, Murali et al. "Crystallization of SrCO <sub>3</sub> within thermally evaporated fatty acid films: unusual morphology of crystal aggregates", <i>CrystEngComm</i> (2001), 21: 1-3
	AF	Landau, Ehud M. et al. "Transfer of structural information from Langmuir monolayers to three-dimensional growing crystals", <i>Nature</i> (1985), 318: 353-356
	AG	Uzgiris, Egidijus E. and Roger D. Kornberg. "Two-dimensional crystallization technique for imaging macromolecules, with application to antigen-antibody-complement complexes", <i>Nature</i> (1983), 301: 125-129
	AH	Qi, Limin, et al. "Reverse Micelle Based Formation of BaCO <sub>3</sub> Nanowires", <i>J. Phys. Chem. B.</i> (1997), 101(18):3460-3463
	AI	Rautaray, Debabrata et al. "Morphology of BaSO <sub>4</sub> Crystals Grown on Templates of Varying Dimensionality: The Case of Cysteine-Capped Gold Nanoparticles (0-D), DNA (1-D), and Lipid Bilayer Stacks (2-D)", <i>Crystal Growth &amp; Design</i> (2002), 2(3): 197-203
	AJ	Sastry, Murali et al. "Langmuir-Blodgett Films of Carboxylic Acid Derivatized Silver Colloidal Particles: Role of Subphase pH on Degree of Cluster Incorporation", <i>J. Phys. Chem. B.</i> (1997), 101(25): 4954-4958
	AK	Tian, Yongchi et al. "Fluorescence Activation and Surface State Reactions of Size-Quantized Cadmium Sulfide Particles in Langmuir-Blodgett Films", <i>J. Phys. Chem.</i> (1994), 98(18): 4913-4918
	AL	Yang, Jianping et al. "Epitaxial Growth of Size-Quantized Cadmium Sulfide Crystals under Arachidic Acid Monolayers", <i>J. Phys. Chem.</i> (1995), 99(15): 5500-5504
	AM	Rees, Gareth D. et al. "Formation and Morphology of Calcium Sulfate Nanoparticles and Nanowires in Water-in-Oil Microemulsions", <i>Langmuir</i> (1999), 15(6): 1993-2002
MD	AN	Taleb, A. et al. "Synthesis of Highly Monodisperse Silver Nanoparticles from AOT Reverse Micelles: A Way to 2D and 3D Self-Organization", <i>Chem. Mater.</i> (1997), 9(4): 950-959

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DATE CONSIDERED 01/12/2007

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MD	AB	Travaille, A. Markus, et al. "Aligned Growth of Calcite Crystals on a Self-Assembled Monolayer", <i>Advanced Materials</i> (2002), 14(7): 492-495
	AC	Damle, Chinmay et al. "Growth of Calcium Carbonate Crystals within Fatty Acid Bilayer Stacks", <i>Langmuir</i> (2002), 18(16): 6075-6080
	AD	Urquhart, Robert S. et al. "Studies of the Formation and Growth of Q-State Cadmium Selenide Particles in Cadmium Arachidate Langmuir-Blodgett Films", <i>Langmuir</i> (1995), 11(4): 1127-1133
	AE	Rautaray, Debabrata et al. "SrCO <sub>3</sub> Crystals of Ribbonlike Morphology Grown within Thermally Evaporated Sodium Bis-2-ethylhexylsulfosuccinate Thin Films", <i>Langmuir</i> (2003), 19(3): 888-892
	AF	Heywood, Brigid R. and Stephen Mann. "Template-Directed Inorganic Crystallization: Oriented Nucleation of Barium Sulfate under Langmuir Monolayers of an Aliphatic Long Chain Phosphonate", <i>Langmuir</i> (1992), 8(5): 1492-1498
	AG	Li, Mei and Stephen Mann. "Emergence of Morphological Complexity in BaSO <sub>4</sub> Fibers Synthesized in AOT Microemulsions", <i>Langmuir</i> (2000), 16(17): 7088-7094
	AH	Heywood, Brigid R. and Stephen Mann. "Organic Template-Directed Inorganic Crystallization: Oriented Nucleation of BaSO <sub>4</sub> under Compressed Langmuir Monolayers", <i>J. Am. Chem. Soc.</i> (1992), 114(12): 4681-4686
	AI	Küther, Jörg et al. "Templated Crystallisation of Calcium and Strontium Carbonates on Centred Rectangular Self-Assembled Monolayer Substrates", <i>Chem. Eur. J.</i> (1998), 4(9): 1834-1842
↓	AJ	Lao, Jing Yu et al. "Hierarchical ZnO Nanostructures", <i>NANO Letters</i> (2002), 2(11): 1287-1291
MD	AK	Yu, Shu-Hong et al. "Control of the Morphogenesis of Barium Chromate by Using Double-Hydrophilic Block Copolymers (DHBCs) as Crystal Growth Modifiers", <i>Chem. Eur. J.</i> (2002), 8(13): 2937-1945
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